In the Specification

Please amend the paragraph beginning at Line 13 on Page 1 with the following amended paragraph:

UDDI (Universal Description, Discovery and Integration) is a set of Standards that have been defined to enable applications that use Web Services to quickly, easily and dynamically interact with one another. UDDI is intended to create a platform-independent, open framework for describing services, discovering businesses and integrating system services using the Internet, as well as an operational registry. ~~Refer to the web site www.uddi.org for further details.~~

Please amend the paragraph beginning at Line 5 on Page 2 with the following amended paragraph:

At a web site hosted by the organisation responsible for the UDDI Standards ~~(http://www.uddi.org/faqs.html)~~ there are a number of Frequently Asked Questions (FAQ). One of these questions is: "Can a UDDI registry be built or based on LDAP?" In answer, the web site discloses that there is no formal relationship between UDDI and Directories. "The UDDI specification does not dictate registry implementation details. The UDDI specification defines an XML-based data model and a set of SOAP APIs to access and manipulate that data model. The SOAP APIs define the behaviour a UDDI repository exhibits. A UDDI implementation could be built on an LDAP directory as long as it conforms to the specified behaviour. Thus far, all UDDI implementations have been built on relational databases."

Please amend the paragraph beginning at Line 20 on Page 2 with the following amended paragraph:

However, implementing the UDDI standards ~~(available at www.uddi.org)~~ on a Directory requires the solving of a number of problems. The UDDI Standards leave many important issues unaddressed, such as:

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Please amend the paragraph beginning at Line 2 on Page 1 with the following amended paragraph:

CROSS REFERENCE TO RELATED APPLICATIONS

The present application claims the benefit of Provisional Applications Serial No. 60/406, 391; 60/406,399; 60/406,325; 60/406,328; 60/406,204; 60/406,205; and 60/406,319 each of which was filed on August 26, 2002 and the contents of each of which are incorporated by reference.

COMPUTER PROGRAM LISTING APPENDIX

The present application includes a computer program listing appendix entitled "Appendix A.pdf" (Created November 2, 2007; 814 Kilobytes) on a single compact disc, which is hereby incorporated by reference.

Please amend the title on Page 1, Line 1, as follows:

GENERATING KEYS FOR OBJECTS IN A WEB SERVICES ARRANGEMENT ~~APPARATUS AND METHODS~~